

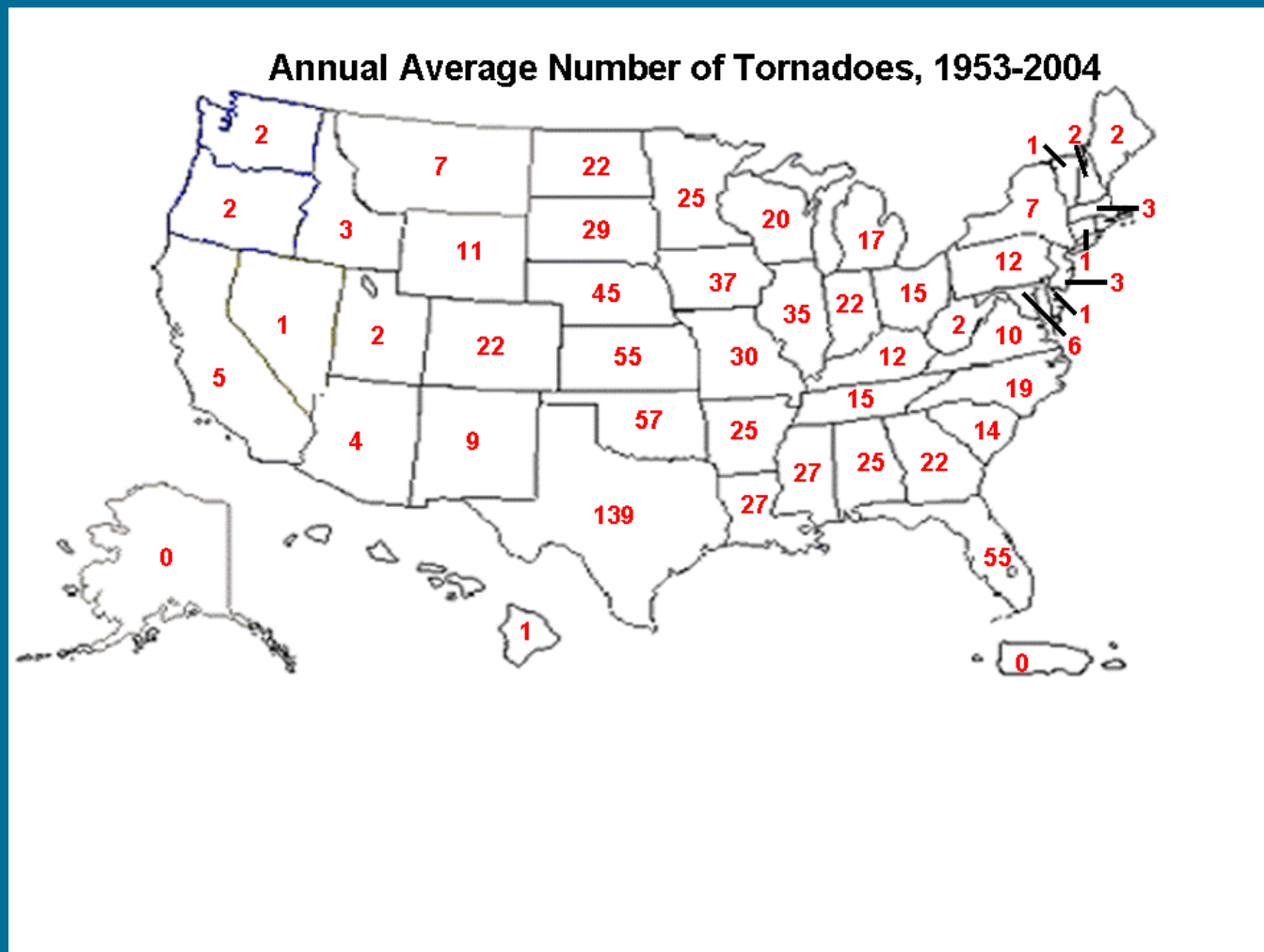
New York State Severe Weather Awareness Week May 3rd to May 9th, 2009

Tornadoes

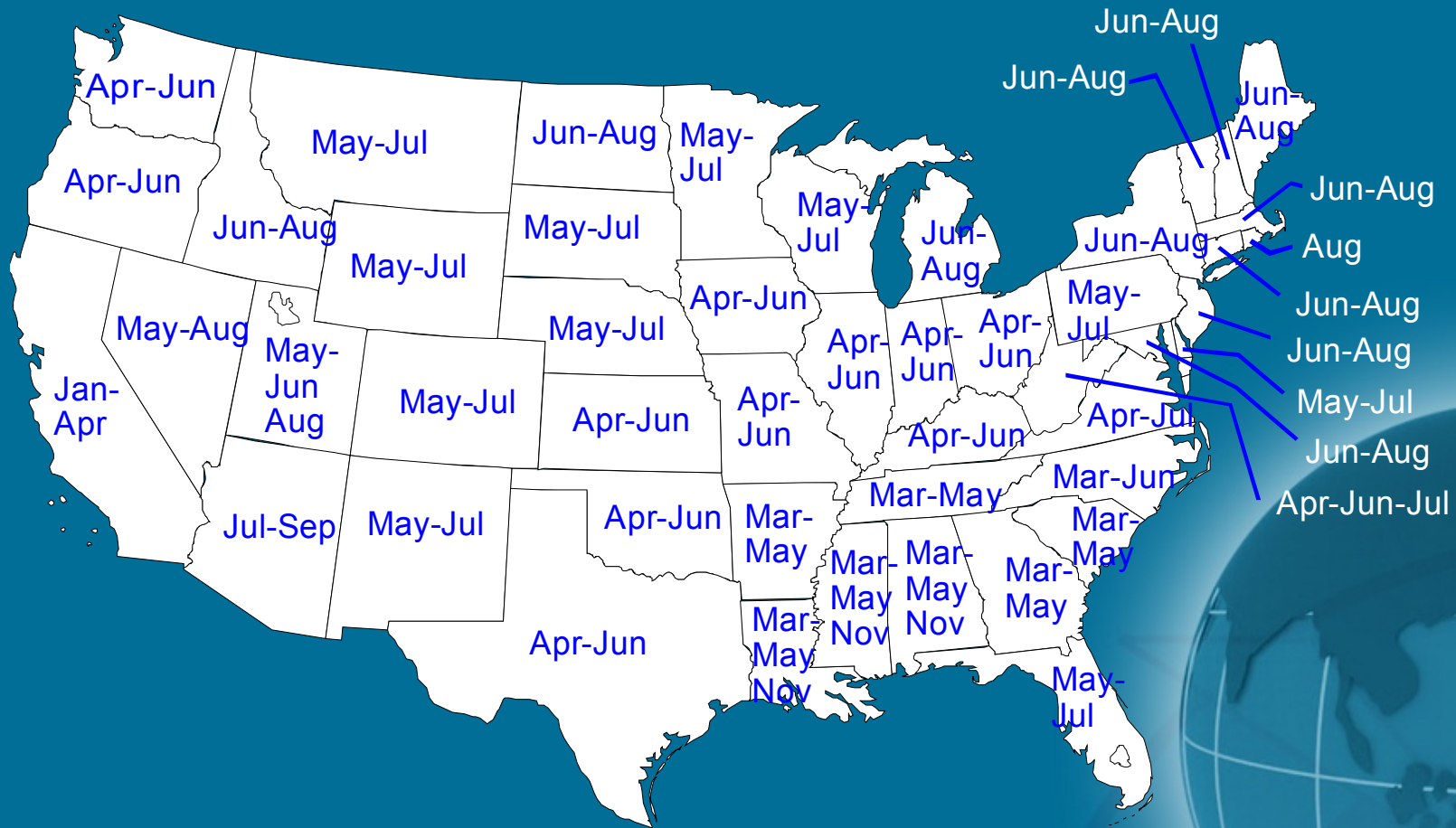
Priscilla Nicosia
NOAA's National Weather Service
Binghamton NY



Average Annual Number of Tornadoes (1953-2004)



Months of Peak Tornado Occurrence (1950-1991)





The Enhanced Fujita Scale

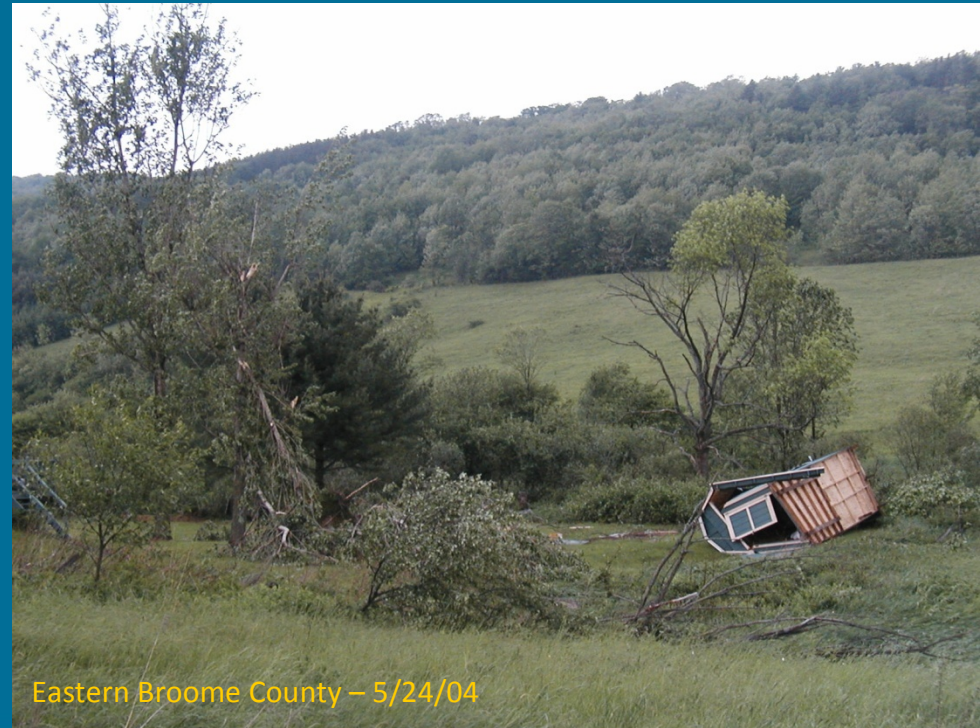
Tornadoes are classified according to the intensity of damage they cause to objects

<u>SCALE</u>	<u>MPH</u>	<u>EXPECTED DAMAGE</u>
EF0	65-85	LIGHT
EF1	86-109	MODERATE
EF2	110-137	CONSIDERABLE
EF3	138-167	SEVERE
EF4	168-199	DEVASTATING

New York Tornadoes



Eastern Broome County – 5/24/04



Eastern Broome County – 5/24/04

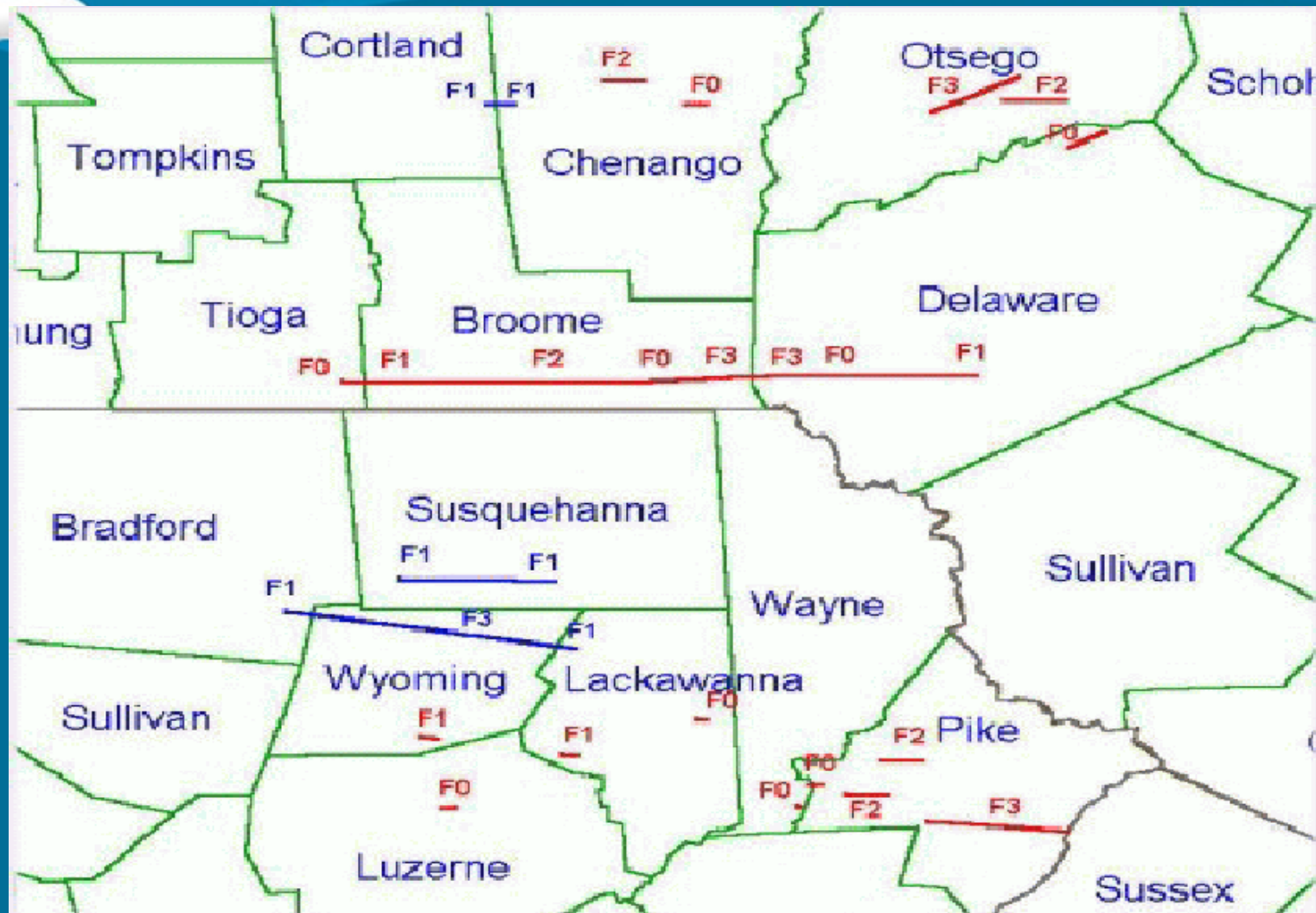


Chemung County – 11/16/06

May 31 and June 2, 1998

- Tornado Outbreak in the Southern Tier of New York
- 10 Tornadoes
- F2 and F3 Tornadoes
- 0 Deaths across the Southern Tier, 15 injuries
- 5 million dollars damage
- One tornado cut a discontinuous sixty plus mile track from southeastern Tioga county across southern Broome county and into Delaware county.

May 31st and June 2nd 1998



Apalachin F0 - May 31st, 1998



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South of Binghamton May 31st, 1998



Conklin, NY May 31st 1998



May 31st 1998 Damage Broome County



WATCH vs. WARNING

CAUTION

Watch the Sky

Watch- “Stand-by”

Conditions are favorable for severe weather in or near the watch area. Watches are issued for tornadoes, severe thunderstorms and flash floods. Issued by the Storm Prediction Center

DANGER

Take Cover Now

Warning- “Activated”

The severe weather event is imminent or occurring in the warned area. Warnings are issued for tornadoes, severe thunderstorms, flash floods and river flooding. Issued by NWS Binghamton for central New York and northeast Pennsylvania.